

AMENDMENTS TO THE CLAIMS

In the claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (currently amended) A method for upmodulating an immune response comprising ~~contacting an immune cell with~~administering an agent that downmodulates signaling via PD-1, wherein the agent comprises an antibody that recognizes a B7-4 polypeptide comprising the amino acid sequence shown in SEQ ID NO:4, to thereby upmodulate the immune response.

2-3. (canceled)

4. (currently amended) The method of claim 1, wherein the immune response is upmodulated in a cell is selected from the group consisting of: a T cell, a B cell, and a myeloid cell.

5-8. (canceled)

9. (currently amended) The method of claim 1, wherein the step of ~~contacting~~administering occurs *in vivo*.

10. (currently amended) The method of claim 1, wherein the step of ~~contacting~~administering occurs *in vitro*.

11-28. (canceled)

29. (currently amended) The method of claim 1, wherein the step of administering comprises contacting an antigen presenting ~~immune~~ cell is selected from the group consisting of a monocyte, a dendritic cell, a keratinocyte and a B cell.

30. (canceled)